

Honeywell Control Panels



FOR RESIDENTIAL AND COMMERCIAL INSTALLATIONS

Feature Charts

Honeywell

Control Panels | FEATURE CHART

	LYNX Plus (L3000)	LYNX Touch (L5100)	LYNX Touch (L5200)	LYNX Touch (L7000)
System Capacities				
Max. Zone Capacity	39	64	64	80
Std. Hardwired Zones (w/zone doubling)	1	1	1	1
Max. ECP Hardwire Expansion Zones	N/A	N/A	N/A	N/A
Max. V-Plex® Expansion Zones	N/A	N/A	N/A	N/A
Max. Wireless Expansion Zones	39	63	63	79
Partitions	N/A	N/A	N/A	N/A
User Codes	8	16	32	48
Event Log	84	128	128	256
Max. No. Two-Wire Smokes	N/A	N/A	N/A	N/A
Max. Number of Schedules	8	20	20	20
False Alarm Prevention Features				
Exit Error Logic	✓	✓	✓	✓
Exit Delay Reset	✓	✓	✓	✓
Exit Delay Countdown	✓	✓	✓	✓
Cross Zoning	✓ (SIA)	✓	✓	✓
Alarm Verification - Fire	✓ (SIA)	✓	✓	✓
Swinger Shutdown	✓	✓	✓	✓
Unvacated Auto-Stay	✓ (SIA)	✓	✓	✓
Alarm Cancel Verification	✓ (SIA)	✓	✓	✓
System Configuration				
Interactive Phone Support	✓ (Built-in)	✓ (Built-in)	✓	N/A
Real Time Clock	✓	✓	✓	✓
Temporal Bell	✓	✓	✓	✓
Bell Supervision	–	–	–	–
Telephone Line Monitor	–	✓	✓	N/A
On-Board Triggers	1	1	1	1
Relays Supported	N/A	N/A	N/A	N/A
Integrated Internet	N/A	N/A	N/A	N/A
Additional Features				
Wi-Fi® Alarm Communications*	–	✓	✓	✓
Combo 3G/4G GSM Communicator*	✓	✓	✓	✓
Z-Wave® Connectivity for Locks, Lighting, Energy Management and More*	✓†	✓	✓	✓
Master Console	N/A	N/A	N/A	N/A
Cross Partitioning (goto)	N/A	N/A	N/A	N/A
“Night” Arming	N/A	N/A	✓	✓
RF Supervision by Transmitter	✓	✓	✓	✓
Common Lobby Logic	N/A	N/A	N/A	N/A
Configurable Zone Type	–	–	–	–
“Battery Saver”	–	–	–	–
Keyswitch Arming	N/A	N/A	N/A	N/A
Convenience Features				
Single Button Arming	✓	✓	✓	✓
Quick Exit	✓	✓	✓	✓
Keypad Macros	–	–	–	–
Viewable Event Log at Keypad	–	✓	✓	✓
Time & Date Display	✓	✓	✓	✓
Auto Arm/Disarm	✓	✓ (Arm Stay Only)	✓ (Arm Stay Only)	✓ (Arm Stay Only)
Graphic Keypad Support	2x16 Alpha	Graphic Touchscreen	Graphic Touchscreen	Graphic Touchscreen
Wireless (Secondary) Keypad – Touchscreen Tablet*	–	✓	✓	✓
Internet & GSM Communication Support	✓	✓	✓	✓

✓ (Supported Feature)

– (Not Supported)

N/A (Not Applicable)

Control Panels | FEATURE CHART

	VISTA-10P	VISTA-15P	VISTA-20P	VISTA-21iP	VISTA-50P
System Capacities					
Max. Zone Capacity	22	32	48	48	86
Std. Hardwired Zones (w/zone doubling)	6 (-)	6 (-)	8 (15)	8 (15)	9 (-)
Max. ECP Hardwire Expansion Zones	0	16	40	40	N/A
Max. V-Plex® Expansion Zones	N/A	N/A	N/A	N/A	77
Max. Wireless Expansion Zones	16	26	40	40	85
Partitions	1	1	2 “true”	2 “true”	8
User Codes	16	32	48	48	75
Event Log	32	50	100	100	225
Max. No. Two-Wire Smokes	0	16	16	16	16
Max. Number of Schedules	2	8	32	32	20
False Alarm Prevention Features					
Exit Error Logic	✓	✓	✓	✓	✓
Exit Delay Reset	✓	✓	✓	✓	✓
Exit Delay Countdown	✓	✓	✓	✓	-
Cross Zoning	✓	✓	✓	✓	✓
Alarm Verification - Fire	✓	✓	✓	✓	-
Swinger Shutdown	✓	✓	✓	✓	✓
Unvacated Auto-Stay	✓	✓	✓	✓	-
Alarm Cancel Verification	✓	✓	✓	✓	-
System Configuration					
Interactive Phone Support	✓	✓	✓	✓	✓
Real Time Clock	✓	✓	✓	✓	✓
Temporal Bell	✓	✓	✓	✓	✓
Bell Supervision	✓	✓	✓	✓	✓
Telephone Line Monitor	-	✓	✓	✓	-
On-Board Triggers	2	2	2	2	4
Relays Supported	4	8	16	16	16
Integrated Internet	N/A	N/A	N/A	✓	N/A
Additional Features					
Wi-Fi® Alarm Communications*	-	-	-	-	N/A
Combo 3G/4G GSM Communicator*	✓	✓	✓	✓	✓
Z-Wave® Connectivity for Locks, Lighting, Energy Management and More*	✓	✓	✓	✓	-
Master Console	N/A	N/A	-	-	✓
Cross Partitioning (goto)	-	-	✓	✓	✓
“Night” Arming	✓	✓	✓	✓	-
RF Supervision by Transmitter	✓	✓	✓	✓	✓
Common Lobby Logic	N/A	N/A	✓	✓	✓
Configurable Zone Type	✓	✓	✓	✓	-
“Battery Saver”	-	✓	✓	✓	-
Keyswitch Arming	✓	✓	✓	✓	✓
Convenience Features					
Single Button Arming	✓	✓	✓	✓	-
Quick Exit	✓	✓	✓	✓	-
Keypad Macros	✓	✓	✓	✓	✓
Viewable Event Log at Keypad	✓	✓	✓	✓	✓
Time & Date Display	-	-	-	-	-
Auto Arm/Disarm	✓	✓	✓	✓	-
Graphic Keypad Support	-	2	4	4	-
Wireless (Secondary) Keypad – Touchscreen Tablet*	N/A	N/A	N/A	N/A	N/A
Internet & GSM Communication Support	✓	✓	✓	✓	✓ (Trigger)

✓ (Supported Feature)

- (Not Supported)

N/A (Not Applicable)

VISTA-20P
VISTA-128BPE VISTA-250BPE
VISTA-32FB
VISTA-128FBP
VISTA-250FBP
Zone Information

Max. Zone Capacity	48	128	250	32	128	250
Max. Std. Hardwire Zones	8	9	9	8	8	8
Max. Wireless Expansion Zones	40	127	249	32	127	249
Max. ECP Hardwire Expansion Zones	40	0	0	0	0	0
V-Plex® Devices	N/A	119	241	24	120	242
Smart Contact	No	No	No	Yes	Yes	Yes

Fire

Two-wire Smokes	16 (Zone1)	16 (Zone1)	16 (Zone1)	32 (Zone1&2)	32 (Zone1&2)	32 (Zone1&2)
Four-wire Smokes	Zone 2-8	Zone 1-128	Zone 1-250	Zone 1-32	Zone 1-128	Zone 1-250
Smoke Reset	Yes	Yes	Yes	Yes	Yes	Yes

Keypads

Max. Number of Keypads	8 (Alpha) 4 (Graphics)	31 (Alpha) 3 (Graphics)	31 (Alpha) 3 (Graphics)	31 (Alpha)	31 (Alpha) 3 (Graphics)	31 (Alpha) 3 (Graphics)
Keypad Types	Fixed Alpha & Graphics	Alpha & Graphics	Alpha & Graphics	Alpha	Alpha & Graphics	Alpha & Graphics
User Codes	48	150	250	75	150	250
Keyswitch Arming	Yes	Yes	Yes	Yes	Yes	Yes

System Configuration

Aux Power	600mA	750mA	750mA	1A	1A	1A
Alarm Power	2A	1.7A	1.7A	1.7A	1.7A	1.7A

Partitioning

Number of Partitions	2	8	8	2	8	8
Reporting Format	Contact ID Low Speed Express	Contact ID Low/High Speeds Express				

Additional Features

Output Relays	16	96	96	84	96	96
Access Control Relays	N/A	8 doors	15 doors	4 doors	8 doors	15 doors
Schedules	32	20	20	20	20	20
AlarmNet® Support	A, M, G & i	A, M, G & i	A, M, G & i	A, M, G & i	A, M, G & i	A, M, G & i
Panel Linking	N/A	Yes	Yes	No	Yes	Yes
Printer Output	N/A	Yes	Yes	Yes	Yes	Yes
Event Log	100	512	1000	512	512	1000
Programming	Keypad/Telco/ IP/GSM	Keypad/ Serial Port/Telco IP/GSM	Keypad/ Serial Port/Telco IP/GSM	Keypad/ Serial Port/Telco	Keypad/ Serial Port/Telco IP/GSM	Keypad/ Serial Port/Telco IP/GSM
Downloader	Yes	Yes	Yes	Yes	Yes	Yes
Telephone Line Monitor	Yes	No	No	Yes	Yes	Yes

Compliance Listings

UL	1023/609 365/1610 1635 (ETL only)	985/1023 609/365 611/1610 1037/1076 1635	985/1023 609/365 611/1610 1037/1076 1635	864/609 611/1610 365	864/609 611/1610 365/985	864/609 611/1610 365/985
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ULC/ORD

Control Panels

FEATURE CHART

	VISTA-128BPT	VISTA-250BPT	VISTA-32FBPT	VISTA-128FBPT	VISTA-250FBPT
Zone Information					
Max. Zone Capacity	128	250	32	128	250
Max. Std. Hardwire Zones	9	9	8	8	8
Max. Wireless Expansion Zones	127	249	32	127	249
Max. ECP Hardwire Expansion Zones	0	0	0	0	0
V-Plex® Devices	119	241	24	120	242
Smart Contact	Yes	Yes	Yes	Yes	Yes
Fire					
Two-wire Smokes	16 (Zone1)	16 (Zone1)	32 (Zone1&2)	32 (Zone1&2)	32 (Zone1&2)
Four-wire Smokes	Zone 1-128	Zone 1-250	Zone 1-32	Zone 1-128	Zone 1-250
Smoke Reset	Yes	Yes	Yes	Yes	Yes
Keypads					
Max. Number of Keypads	31 (Alpha) 6 (Graphics)	31 (Alpha) 6 (Graphics)	31 (Alpha) 6 (Graphics)	31 (Alpha) 6 (Graphics)	31 (Alpha) 6 (Graphics)
Keypad Types	Alpha & Graphics	Alpha & Graphics	Alpha	Alpha & Graphics	Alpha & Graphics
User Codes	150	250	75	150	250
Keyswitch Arming	Yes	Yes	Yes	Yes	Yes
System Configuration					
Aux Power	750mA	750mA	1A	1A	1A
Alarm Power	1.7A	1.7A	1.7A	1.7A	1.7A
Partitioning					
Number of Partitions	8	8	2	8	8
Reporting Format	Contact ID Express	Contact ID Express	Contact ID Express	Contact ID Express	Contact ID Express
Additional Features					
Output Relays	96	96	96	96	96
Access Control Relays	8 doors	15 doors	8 doors	8 doors	15 doors
Schedules	20	20	20	20	20
AlarmNet® Support	A, M, G & i	A, M, G & i	A, M, G & i	A, M, G & i	A, M, G & i
Panel Linking	No	No	No	No	No
Printer Output	Yes	Yes	Yes	Yes	Yes
Event Log	512	1000	512	512	1000
On-board Serial Port	Yes	Yes	Yes	Yes	Yes
Honeywell Total Connect™ 2.0 Support	Yes	Yes	Yes	Yes	Yes
Programming	Keypad/ Serial Port/Telco IP/GSM	Keypad/ Serial Port/Telco IP/GSM	Keypad/ Serial Port/Telco IP/GSM	Keypad/ Serial Port/Telco IP/GSM	Keypad/ Serial Port/Telco IP/GSM
Downloader	Yes	Yes	Yes	Yes	Yes
Telephone Line Monitor	Yes	Yes	Yes	Yes	Yes
Compliance Listings					
UL	985/1023 609/365 611/1610 1037/1076 1635	985/1023 609/365 611/1610 1037/1076 1635	864/609 611/1610 365 1076	864/609 611/1610 365/985 1076	864/609 611/1610 365/985 1076
ULC/ORD	S303 S304 S545 C1023 C1076	S303 S304 S545 C1023	S303/304 S559 S545 C1023	S303/304 S559 S545 C1023	S303/304 S559 S545 C1023

AAV: Audio Alarm Verification, also known as two-way voice to the central station. The LYNX Plus and LYNX Touch 5100 have this feature built-in if using the phone line. For two-way voice over GSM, use the appropriate GSM radio. Other panels can be used with an AVS. The control panel will trigger this module upon kiss off from the central station receiver and microphones and speakers connected to the AVS board will allow a two-way voice dialog between the central station operator and the protected premises.

Addressable Devices: Any module that connects to the panel's ECP (keypad) bus requires a specific address which identifies this device to the control. Devices are either addressed via dip switches, software, or have fixed addresses. These devices include keypads, expansion modules, wireless receivers and transmitter modules, telephone modules, and some AlarmNet® radio transmitters.

Alarm Cancel Verification: In the event of a false alarm, after the user enters their code + OFF, "Cancelled Alarm" is displayed on an alpha keypad confirming the alarm has been cancelled at the central station. "CA" will be displayed on a fixed English keypad.

Audible Exit Warning: When the system is armed in the Away or Maximum mode, the keypads will sound a warning of slow beeps and change to fast beeps for the last 5 or 10 seconds. The VISTA-15P and VISTA-20P have a feature where the system can be programmed to display the exit time remaining in intervals of 1-5 seconds.

AUI: Advanced-user interface, also known as a touchscreen or graphic keypad. Examples are the 6280 and TUXWIFIS/TUXWIFIW.

Auto Stay: If the user arms the system in the Away mode but does not exit before the exit delay expires, the system will arm in the Stay mode.

AVS (Audio Verification System): Provides central station two-way voice capability (AAV) by allowing the central station operator to listen and/or talk to individuals on premises following receipt of an alarm report from the premises' alarm system (excluding fire or carbon monoxide alarms).

Cross Zoning: For use in false alarm prone areas, two zones may be linked together so that an alarm will occur only if both zones trip within a specific time period.

ECP: Enhanced Console Protocol, or another term for the keypad bus. See Addressable Devices.

Event Log: System events can be stored for later retrieval. Some panels allow retrieval at an alpha keypad or graphic one, others require connection with the Compass downloading software.

Exit Delay Reset: After arming Away and exiting, if the user reenters before the expiration of the exit delay, the exit delay is reset.

Exit Delay Restart: Also called quick exit. If the system is armed in the Stay mode, this allows the user to restart the exit and entry delay by pressing the * key.

Exit Error Logic/Exit Alarm: Alerts the user and allows for correction in the event the exit door is left open. Sends a unique report to the central station.

Expansion: Using hardwired V-Plex® RF and/or wireless devices.

H/W Zones Built-in: The number of standard hardwired zones included with the panel.

Keyfob Zones: Wireless keys that can be programmed in certain panels without taking away from the number of maximum protection zones in the panel.

Keypad Macros: Allows a shortcut to simplify various system commands.

LRR Output and Dynamic Signaling: The panel can support AlarmNet radios connected to the ECP (keypad) bus. This allows for extremely simple connections and programming for reporting to the central station. The radios will transmit all messages programmed to go to the primary telephone number. Dynamic Signaling allows you to assign which method of transmission will have priority and how long to wait before transmitting on the other medium. For example, if the dialer has priority and is acknowledged before the programmed delay expires, then the message will not need to be sent using the radio. If for some reason the dialer message is not acknowledged by the end of the delay period, the message will be transmitted via the radio.

Max Zones: The maximum number of total zones supported by the panel.

Night-Stay Mode: Designates certain interior zones to remain active while others are bypassed.

Panic Keys: Keypad panic zones in addition to standard zones.

Partitions: Some control panels have the ability to be programmed for multiple partitions, which allows the single control to protect different areas as if each area had its own control.

Programmable Function Keys: The A-B-C-D keys on certain panels can be individually programmed to perform any of the following functions:

- Panic zone
- Single button paging
- Display date and time (returns to normal display after 30 seconds)
- Arm away, stay, or night-stay
- Step arming (cycles once from stay, to night-stay, to away)
- Output device activation
- Communication test
- Macro (shortcut)

Programmable outputs: Relays, V-Plex® or on-board triggers that can be used to activate LED's, strobes, additional sounders, lights, garage doors, etc. Depending on the control panel selected, the outputs can be controlled by system events or by schedules or both.

Programmable Zone Types: Unique zone types may be added for various custom responses. Configurable options include response to entry/exit delays, response to opens and shorts, sounding, fault and dialer delays, and unique contact ID codes.

Schedules: Schedules can be used to turn output devices on and off, to limit the access of certain user codes, automatically arm or disarm the system, or other similar functions.

SIA Complaint: (Security Industry Association) A unified false alarm reduction standard. SIA-ready control panels are pre-programmed to meet SIA false-alarm reduction standards, but those options are not fixed.

Telephone Line Fault Monitor: The system constantly monitors the phone line for proper voltage. Upon a phone line failure, the panel can be programmed to either display this condition at the keypads, display and sound a trouble at the keypads, or display, sound, and cause an output to activate (strobe light, siren, backup transmission device, etc).

Telephone Module: Allows a local or remote touch-tone telephone to act as a keypad. LYNX Plus has this feature built-in.

V-Plex: Also known as the polling loop or multiplexing. It is a method of zone expansion that provides power and data on the same pair of wires. See Expansion.

For more information:

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L/HCPGB/D

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